

ABSTRACT OF THE DISCLOSURE

Functional circuits such as a processor, an SRAM, a DRAM and a flash-EEPROM are mounted on a semiconductor chip. Of these functional circuits, for example, the flash-EEPROM which fluctuates a potential of the semiconductor chip is separated from the other circuits by means of a separating region provided in the semiconductor chip. In addition, the separating region is put in contact with the entire side faces of the semiconductor chip.